





<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>701053</b>
		CLIENT REF. NO. <b>201544</b>
		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/591,407</b>
INTERNATIONAL APPLICATION NO. <b>PCT/JP2005/003841</b>	INTERNATIONAL FILING DATE <b>March 1, 2005 (01.03.2005)</b>	PRIORITY DATE CLAIMED <b>March 4, 2004 (04.03.2004)</b>
TITLE OF INVENTION <b>RAT EMBRYONIC STEM CELL</b>		
APPLICANT(S) FOR DO/EO/US <b>Teratani et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.		
2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)).		
4. <input type="checkbox"/> The US has been elected (PCT Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 USC 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has previously been submitted under 35 U.S.C. 154(d)(4).</li> </ul>		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul>		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 USC 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).		
11. Nucleotide and/or Amino Acid Sequence Submission <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:             <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper Copy</li> </ul> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul>		
<b>Items 12 to 20 below concern other document(s) or information included:</b>		
12. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <ul style="list-style-type: none"> <li><input type="checkbox"/> Form PTO-1449</li> <li><input type="checkbox"/> Copies of References (except for U.S. patents and applications)</li> </ul>		
13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
14. <input type="checkbox"/> A FIRST preliminary amendment.		
15. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.		
16. <input type="checkbox"/> A substitute specification.		
17. <input type="checkbox"/> A change of power of attorney and/or address letter.		
18. <input type="checkbox"/> Application Data Sheet Under 37 CFR 1.76		
19. <input type="checkbox"/> Return Receipt Postcard		
20. <input type="checkbox"/> Other items or information:		

**SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

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The following fees are submitted:						<b>CALCULATIONS</b>		<b>PTO USE ONLY</b>	
21. <input type="checkbox"/> Basic national fee ..... <b>\$300</b>						<b>\$0.00</b>			
22. <input type="checkbox"/> Examination Fee									
If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$ 0</b>						<b>\$0.00</b>			
All other situations ..... <b>\$200</b>									
23. <input type="checkbox"/> Search Fee									
USPTO was ISA ..... <b>\$100</b>						<b>\$0.00</b>			
Search report provided to USPTO by other entity ..... <b>\$400</b>									
All other situations ..... <b>\$500</b>									
<b>TOTAL OF 21, 22 AND 23 =</b>						<b>\$0.00</b>			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.						<b>\$</b>			
Total Sheets		Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole number)		RATE			
- 100 =		/ 50 =				x \$250		<b>\$</b>	
<input checked="" type="checkbox"/> Surcharge of <b>\$130</b> for furnishing the National fee or oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).						<b>\$130.00</b>			
CLAIMS		NUMBER FILED		NUMBER EXTRA		RATE			
Total Claims		- 20 =				x \$ 50		<b>\$0.00</b>	
Independent Claims		- 3 =				x \$200		<b>\$0.00</b>	
<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>						+ \$360		<b>\$</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>						<b>\$130.00</b>			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						<b>\$ ( )</b>			
<b>SUBTOTAL=</b>						<b>\$130.00</b>			
<input type="checkbox"/> Processing fee of <b>\$130</b> for furnishing English Translation later than 30 months from the earliest claimed priority date.						<b>\$</b>			
<b>TOTAL NATIONAL FEE=</b>						<b>\$130.00</b>			
<input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40</b> per property.						<b>\$</b>			
<b>TOTAL FEES ENCLOSED=</b>						<b>\$130.00</b>			
						Amount to be refunded		<b>\$</b>	
						Amount to be charged:		<b>\$</b>	
<p>a. <input type="checkbox"/> No fee is believed to be due.</p> <p>b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 12-1216 the total fee indicated above.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1216.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO CUSTOMER NO. 23460:</p> <p style="text-align: center;"><b>23460</b></p> <div style="text-align: right;">         John Kilyk, Jr., Registration No. 30,763        LEYDIG, VOIT &amp; MAYER, LTD.        Two Prudential Plaza, Suite 4900        180 North Stetson Avenue        Chicago, Illinois 60601-6780        (312) 616-5600 (telephone)        (312) 616-5700 (facsimile)     </div> <p style="text-align: right;">Date: December 8, 2006</p>									

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			<table border="1"><tr><td><b>December 8, 2006</b></td></tr><tr><td>Date of Deposit</td></tr></table>	<b>December 8, 2006</b>	Date of Deposit		
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<p>I hereby certify that this transmittal document with respect to the U.S. national phase of the above-referenced International Patent Application, including all of the items listed thereon as enclosures, is being submitted to the U.S. Patent and Trademark Office utilizing the USPTO Electronic Filing System (EFS-Web).</p>							
<table border="1"><tr><td><b>John Kilyk, Jr.</b></td></tr><tr><td>Typed or Printed Name of Person Making Deposit</td></tr></table>		<b>John Kilyk, Jr.</b>	Typed or Printed Name of Person Making Deposit	<table border="1"><tr><td></td></tr><tr><td>Signature of Person Making Deposit</td></tr></table>			Signature of Person Making Deposit
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